

PATENT CLAIMS:

1. An injector device for the subcutaneous introduction of the cannula (5) of an infusion part (0B) into the skin of a patient said device comprising a housing (30), a back (33) and longitudinally extending guiding means (31), a member (32) which is longitudinally slidable within the housing (30), an insertion needle (35) for insertion of said cannula, a spring (34) located between the back of the housing and the longitudinally slidable member, locking means for maintaining the spring in a compressed state and release means (39) for disengaging the locking means, characterized in that the device further comprises a pivoting member (36) which can be swung from a position in which the pivoting member (36) allows for insertion of the needle (35) into a position in which it embraces the needle.
2. An injector device according to claim 1, characterized in that the pivoting member (36) is fastened to the slidable member (32).
3. An injector device according to claim 2, characterized in that the position where the pivoting member (36) allows for insertion of the needle (5) is in an angle v where $90^\circ \leq v \leq 180^\circ$, preferably v is approximately 90° .
4. An injector device according to claim 1, 2 or 3, characterized in that when the pivoting member (36) is in the position where it embraces the needle, the pivoting member is placed approximately parallel to the housing.
5. An injector device according to claim 1, 2 or 3, characterized in that when the pivoting member (36) is in the position where it embraces the needle, the pivoting member is placed in an angle w to the housing where $0^\circ < w \leq 180^\circ$, preferably $90^\circ \leq w \leq 180^\circ$.

6. An injector device according to any one of claims 1 - 5, characterized in that the pivoting member (36) can embrace the needle when the slidable member (32) is in a forward position and the spring (34) in a released state, and preferably also the pivoting member (36) can embrace the needle when
5 the slidable member (32) is in a retracted position and the spring (34) in a tightened state.

7. An injector device according to claims 1 or 2, characterized in that the pivoting member is swung from the position essentially orthogonal to a main
10 axis of the application device, 180 degrees to another position embracing the needle and being secured in this position said position also being essentially orthogonal to said main axis.

8. An injector device according to any one of claims 1 to 7, characterized in
15 that the needle is destroyed and secured in the pivoting member when the pivoting member is brought to finally embrace the insertion needle.

9. An injector device according to claim 1, characterized in that the device further comprises locking means (45) for maintaining the pivoting member in
20 the final embracing position.

10. An injector device according to claim 1, characterized in that the infusion part (0B) is unreleasably fastened to an adhesive support (1) having an adhesive surface which adhesive surface is provided with a release liner (9).
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11. An injector device according to claim 10, characterized in that the pivoting member (36) has fixing means (44) for releasably fastening a part of the adhesive support (1) to the pivoting member.

12. An injector device according to claim 10 or 11, characterized in that a projecting part of the release liner of the adhesive support (1) is fastened unreleasably to the housing (30).
- 5 13. An injector device according to claim 10, characterized in that the release liner of the adhesive support comprises at least two separate pieces (41, 42).
14. An injector device according to claim 13, characterized in that each piece of release liner has at least one projecting part.
- 10 15. An injector device according to claim 14, characterized in that the projecting part of a first piece of release liner (41) is attached to the pivoting member (36) during insertion and the projecting part of a second piece (42) of release liner is attached to the housing (30) during insertion.
- 15 16. An injector device according to claim 1, characterized in that the housing has stopping means (43), preferably a stopping tab.
- 20 17. An injector device according to claim 1, characterized in that the slidable member (32) is constructed of a lattice structure.
18. An injector device according to claim 1, characterized in that the release means (39) for disengaging the locking means comprises two positions placed on opposite sides of the housing (30).